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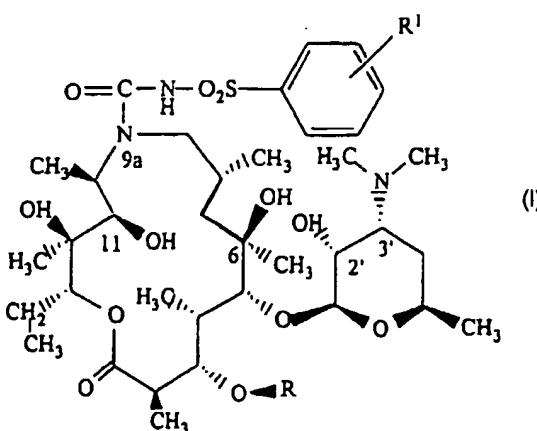
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(54) Title: 9A-N-[N'-(PHENYLSULFONYL)CARBAMOYL] DERIVATIVES OF 9-DEOXO-9-DIHYDRO-9A-AZA-9A-HOMOERYTHROMYCIN A AND OF 5-O-DESOSAMINYL-9-DEOXO-9-DIHYDRO-9A-AZA-9A-HOMOERYTHRONOLIDE A



(57) Abstract: The invention relates to 9a-N-[N'-(phenylsulfonyl)carbamoyl] derivatives of 9-deoxo-9-dihydro-9a-aza-homoerythromycin A and 5-O-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerythronolide A, novel semisynthetic macrolide antibiotics from the class of azalides, of the general formula (I) wherein R<sup>1</sup> denotes H, C<sub>1</sub>-C<sub>4</sub>alkyl or halogen and R denotes H or cladinosyl radical, to their pharmaceutically acceptable addition salts with inorganic or organic acids, to intermediates and methods for their preparation, to a process for the preparation of pharmaceutical compositions as well as to the use of pharmaceutical compositions in the treatment of bacterial infections.

## INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/HR 02/00010A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07H17/00 A61K31/70 A61P31/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 66603 A (MARU & SCARON ;MUTAK STJEPAN (HR); KUJUND & ZCARON (HR); MAR & SCA) 9 November 2000 (2000-11-09) the whole document ---	1,14-16
A	EP 0 657 464 A (PLIVA PHARM & CHEM WORKS) 14 June 1995 (1995-06-14) cited in the application the whole document ---	1,14-16
A	US 4 826 820 A (BRAIN EDWARD G) 2 May 1989 (1989-05-02) column 37, lines 31-47 ---	1,14-16
A	US 4 434 000 A (MAHONEY MARTIN D. ET AL) 28 February 1984 (1984-02-28) abstract -----	1,14-16



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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